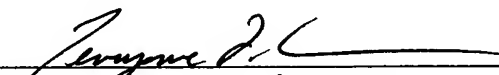


REMARKS

This amendment is being submitted to correct obvious typographic and spelling errors in the specification and to present a correct sequence listing. No new matter has been added.

Respectfully submitted,

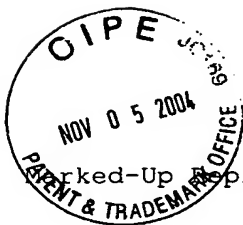

Terryence F. Chapman

TFC/smd

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& TANIS, P.C.	David G. Boutell	Reg. No. 25	072
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	Steven R. Thiel	Reg. No. 53	685
	Donald J. Wallace	Reg. No. 43	977
	Sidney B. Williams, Jr.	Reg. No. 24	949

Encl: Copy of Notice to Comply with Requirements ...
dated September 3, 2004
Marked-Up Replacement Section of Sequence Listing
Clean Copy of Corrected Sequence Listing
Computer Disk containing Clean Copy of
Corrected Sequence Listing
Statement Under 37 CFR 1.821(f)
Postal Card

112.08/04



Marked-Up Replacement Section

U.S. Serial No. 10/789 494

SEQUENCE LISTING

<110> TSUBOUCHI, Kozo
YAMADA, Hiromi

<120> EXTRACTION AND UTILIZATION OF CELL
GROWTH-PROMOTING PEPTIDES FROM SILK PROTEIN

<130> OPS 635

<140> US 10/789 494

<141> 2004-02-27

<150> JP 2003-55048

<151> 2003-02-28

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6885

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 30 35 40
 Thr Asp Glu Ile Ile Arg Asp Ala Ser Gly Ala Val Ile Glu
 45 50 55
 Glu Gln Ile Thr Thr Lys Lys Met Gln Arg Lys Asn Lys Asn
 60 65 70
 His Gly Ile Leu Gly Lys Asn Glu Lys Met Ile Lys Thr Phe
 75 80
 Val Ile Thr Thr Asp Ser Asp Gly Asn Glu Ser Ile Val Glu
 85 90 95
 Glu Asp Val Leu Met Lys Thr Leu Ser Asp Gly Thr Val Ala
 100 105 110

Gln Ser Tyr Val Ala Ala Asp Ala Gly Ala Tyr Ser Gln Ser
115 120 125
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Tyr Thr Ser Asp Phe Ser Thr Ser Ala Ala Val
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<213> *Bombyx mori*

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Thr

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<213> *Bombyx mori*

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5 10
Ser Arg Arg Glu Gly Tyr Glu Tyr Ala Trp Ser Ser Lys Ser
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Asp Phe Glu Thr
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 Arg Gln Leu Val Val Lys Phe Arg Ala Leu Pro Cys Val Asn
 30 35 40
 Cys

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<213> *Bombyx mori*

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 Tyr Ala Ala Pro Ser Val Thr Ile Asn Gln Tyr Ser Asp Asn
 15 20 25
 Glu Ile Pro Arg Asp Ile Asp Asp Gly Lys Ala Ser Ser Val
 30 35 40
 Ile Ser Arg Ala Trp Asp Tyr Val Asp Asp Thr Asp Lys Ser
 45 50 55
 Ile Ala Ile Leu Asn Val Gln Glu Ile Leu Lys Asp Met Ala
 60 65 70
 Ser Gln Gly Asp Tyr Ala Ser Gln Ala Ser Ser Val Ala Gln
 75 80
 Thr Ala Gly Ile Ile Ala His Leu Ser Ala Gly Ile Pro Gly
 85 90 95
 Asp Ala Cys Ala Ala Ala Asn Val Ile Asn Ser Tyr Thr Asp

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Gly Val Arg Ser Gly Asn Phe Ala Gly Phe Arg Gln Ser Leu				
115		120		125
Gly Pro Phe Phe Gly His Val Gly Gln Asn Leu Asn Leu Ile				
130		135		140
Asn Gln Leu Val Ile Asn Pro Gly Gln Leu Arg Tyr Ser Val				
145		150		
Gly Pro Ala Leu Gly Cys Ala Gly Gly Gly Arg Ile Tyr Asp				
155		160		165
Phe Glu Ala Ala Trp Asp Ala Ile Leu Ala Ser Ser Asp Ser				
170		175		180
Ser Phe Leu Asn Glu Glu Tyr Cys Ile Val Lys Arg Leu Tyr				
185		190		195
Asn Ser Arg Asn Ser Gln Ser Asn Asn Ile Ala Ala Tyr Ile				
200		205		210
Thr Ala His Leu Leu Pro Pro Val Ala Gln Val Phe His Gln				
215		220		
Ser Ala Gly Ser Ile Thr Asp Leu Leu Arg Gly Val Gly Asn				
225		230		235
Gly Asn Asp Ala Thr Gly Leu Val Ala Asn Ala Gln Arg Tyr				
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Ile Ala Gln Ala Ala Ala Ser Gln Val His Val				
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 Tyr Ala Thr Ala Asn Asn Leu His His His Asp Glu Tyr Val
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 Asp Asn His Gly Gln Leu Val Glu Arg Phe Thr Thr Arg Lys
 30 35 40
 His Tyr Glu Arg Asn Ala Ala Thr Arg Pro His Leu Ser Gly
 45 50 55
 Asn Glu Arg Leu Val Glu Thr Ile Val Leu Glu Glu Asp Pro
 60 65 70
 Tyr Gly His Glu Asp Ile Tyr Glu Glu Asp Val Val Ile Asn
 75 80
 Arg Val Pro Gly Ala Ser Ser Ser Ala Ala Ala Ala Ser Ser
 85 90 95
 Ala Ser Ala Gly Ser Gly Gln Thr Ile Ile Val Glu Arg Gln
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 Ala Ser His Gly Ala Gly Gly Ala
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Ala Gly Ala Ala Ala Gly Ala Ala Ala Gly Ser Ser Ala Arg
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 Gly Gly
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Ser Gly Ser Ser Ser Ala Ala Ala Ala Ser Ser Gly Ala Gly
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Gly Ala Gly Gly Gly Tyr Gly Trp Gly Asp Gly Gly Tyr Gly
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Ser Asp Ser
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5 10
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Arg Arg Ala Gly His Asp His Ala Ala Gly Ser Ser Gly Gly
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Gly Tyr Ser Trp Asp Tyr Ser Ser Tyr Gly Ser Glu Ser
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Arg Arg Ala Gly His Asp Arg Ala Ala Gly Ser
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<211> 21

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Gly Gly Tyr Gly Ser Asp Ser
15 20

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<400> 31

Gly Ser Gly Ala Gly Arg Ala Gly
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Gly Asp Tyr Gly Trp Gly Asp Gly Gly Tyr Gly Ser Asp Ser
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5 10

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Gly Gly Tyr Gly Ser Asp Ser
15 20

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<213> *Antheraea yamamai*

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5

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Asp Gly Gly Tyr Gly Ser Asp

15

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Asp Gly Gly Tyr Gly Ser Asp Ser

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<213> *Antheraea yamamai*

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Ser Gly Ala Gly Gly Ala Gly Gly Gly Tyr Gly Trp Gly Asp

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10

Gly Gly Tyr Gly Ser Asp Ser

15

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<213> *Antheraea yamamai*

<220>

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Ser Gly Ala Gly Gly Ala Gly Gly Tyr Gly Gly Tyr Gly Ser

5

10

Asp Ser

15

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<212> PRT

<213> *Antheraea yamamai*

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Ser Gly Ala Gly Gly Ser Gly Gly Gly Tyr Gly Trp Gly Asp

5

10

Gly Gly Tyr Gly Ser Gly Ser

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Ser Gly Ala Gly Gly Arg Gly Asp Gly Gly Tyr Gly Ser Gly

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Ser Ser

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Asp Gly Gly Tyr Gly Ser Asp Ser

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Arg Arg Ala Gly His Asp Arg Ala Ala Gly Cys
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Ser Gly Ala Gly Gly Thr Gly Gly Gly Tyr Gly Trp Gly Asp
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Asp Gly Gly Tyr Gly Gly Tyr Gly Ser Asp Ser

15

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Gly Ser Gly Ala Gly Gly Val Gly Gly Gly Tyr Gly Arg Gly

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Asp Ser Gly Tyr Gly Ser Gly Ser Ser

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Gly His Gly Arg Ser Ser Gly Ser

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<220>

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Tyr

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Gly Ser Tyr Gly Ser Asp Ser

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<220>

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Ser Ser Gly Ala Gly Gly Ser Gly Gly Gly Tyr Gly Trp Asp

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Tyr Gly Gly Tyr Gly Ser Asp Ser

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Asp Gly Gly Tyr Gly Ser Asp Ser

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25

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Ser Arg Ile Ser Val His
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Gly Ala Gly Ala Gly Ser Gly Ala Ala Ser Gly Ala Gly Ala
5 10
Gly Ala Gly Ala Gly Ala Gly Thr
15 20

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<220>

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Ala Ala Ser Ser Val Ser Ser Ala Ser Ser Arg Ser Tyr Asp

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Tyr Ser Arg Arg Asn Val Arg Lys Asn

15

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<213> *Bombyx mori*

<220>

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Gly Ser Ser Gly Phe Gly Pro Tyr Val Ala His Gly Gly Tyr

5

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Ser Gly Tyr Glu Tyr Ala Trp Ser Ser Glu Ser Asp Phe Gly

15

20

25

Thr

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Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala

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<211> 12

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<213> *Antheraea yamamai*

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Tyr Gly Trp Gly Asp Gly Gly Tyr Gly Ser Asp Ser

5

10

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<212> PRT

<213> *Antheraea yamamai*

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Ser Gly Ala Gly Gly Ser Gly Gly Tyr Gly Gly Tyr Gly Ser

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Asp Ser

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Gly Ser Gly Ala Gly Gly Arg Gly Asp Gly Gly Tyr Gly Ser

5

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Gly Ser Ser

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Arg Arg Ala Gly His Asp Arg Ala Ala Gly Ser

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Asp Glu Tyr Val Asp Asn

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Val Glu Thr Ile Val Leu Glu Glu Asp Pro Tyr Gly His Glu

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Asp Ile Tyr Glu Glu Asp

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Gly Ala Gly Ala Gly Ser

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Asp Glu Asp Glu Asp Glu

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Glu Asp Glu Asp Glu Asp

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Ser Ser Glu Ser Ser Glu

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<213> *Bombyx mori*

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Tyr Gly Gly Tyr Glu Tyr

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<213> *Antheraea yamamai*

<220>

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Asp Gly Gly Tyr Gly Gly Asp

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Asp Glu Tyr Asp Glu Tyr

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10

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